

ABSTRACT

The application describes a nucleotide sequence including, in operable combination, a nucleotide sequence coding for a signal peptide of IA^d , a nucleotide sequence coding for $IA^d\alpha$, a nucleotide sequence coding for an amino acid linker sequence, a nucleotide sequence coding for an acidic leucine zipper, a nucleotide sequence coding for an amino acid linker sequence, a nucleotide sequence coding for a hinge region, a nucleotide sequence coding for a CH_2 region of Fc, and a nucleotide sequence coding for a CH_3 region of Fc. The application further describes a nucleotide sequence including, in operable combination, a nucleotide sequence coding for a leader sequence, a nucleotide sequence coding for $\beta 1$, a nucleotide sequence coding for a LACK peptide, a nucleotide sequence coding for an amino acid linker sequence, a nucleotide sequence coding for a thrombin site, a nucleotide sequence coding for an amino acid linker sequence, a nucleotide sequence coding for a $IA^d(\beta 1)$ amino acid sequence, a nucleotide sequence coding for a $IA^d(\beta 2)$ amino acid sequence, a nucleotide sequence coding for a linker amino acid sequence, a nucleotide sequence coding for a basic leucine zipper and a nucleotide sequence encoding a marker of more than one histidine. Vectors, host cells, proteins encoded by the nucleic acid sequences and their uses are also described.